

SUPPLEMENT

PHOTOGRAPHIC INTERPRETATION REPORT



KH-4 MISSION 1108

IPIR NUMBER 16

OAK SUPPLEMENT PART XII

5-21 DECEMBER 1969

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**TARGET CATEGORIES
AND
ASSOCIATED NTP FUNCTIONAL AREAS (CODES)**

- | | |
|--|---|
| 1. STRATEGIC SSM
Deployed Strategic SSM Facilities (A) | 7. GROUND
Ground Force Facilities (G) |
| 2. MISSILE RANGES
Missile Ranges: Strategic SSM/Space Facilities (P)
Missile Ranges: Air-Launched Missile Facilities (Q)
Missile Ranges: Naval-Launched Missile Facilities (R)
Missile Ranges: Tactical SSM Facilities (S)
Missile Ranges: SAM/AMM Facilities (T) | 8. TACTICAL SSM
Deployed Tactical SSM Facilities (H) |
| 3. AIR DEFENSE MISSILES
Deployed AMM Facilities (B)
Deployed SAM Facilities (D) | 9. LOGISTICS
Military Logistics Facilities (K) |
| 4. ELECTRONICS/COMMUNICATIONS
Deployed Communication/Electronic/Radar Facilities (C) | 10. NUCLEAR ENERGY
Atomic Energy Facilities (O) |
| 5. AIR
Air Base Facilities (E) | 11. CBR
CBR Facilities (V) |
| 6. NAVAL
Naval Base Facilities (F) | 12. INDUSTRY
Strategic Weapons Industrial Facilities (J)
General Purpose Weapons Industrial Facilities (L)
Non-Military Industrial Facilities (N)
Communication/Electronic/Radar R&D Facilities (U) |
| | 13. MISCELLANEOUS
Non-Military Logistics Facilities (M)
Miscellaneous/Unidentified Facilities (Z) |

These thirteen target categories are compatible with the Functional Area of Imagery Interpretation established under the National Tasking Plan. To enhance the analysis of readout on operationally associated targets, each target is reported relative to its primary functional association (i.e., missile range tracking facilities are reported under "MISSILE RANGES," fly-away airfields at aircraft plants are reported under "INDUSTRY," airfield nuclear weapons storage facilities are reported under "AIR," etc.).

TOP SECRET CHESS RUFF

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KH-4 MISSION 1108

TABLE OF CONTENTS

	PAGE
PREFACE	1
CHINA	
AIR DEFENSE MISSILES	2
AIR BASE FACILITIES	4
NAVAL BASE FACILITIES	8
GROUND FORCE FACILITIES	11
LOGISTICS	13
NUCLEAR ENERGY	14
INDUSTRY	15
MISCELLANEOUS	19
UNITED ARAB REPUBLIC	
AIR DEFENSE MISSILES	20
<div style="background-color: black; height: 40px; width: 100%;"></div>	
NORTH KOREA	
GROUND FORCE FACILITIES	22
POLAND	
CBR FACILITIES	29
USSR	
DEPLOYED STRATEGIC SSM FACILITIES	30
MISSILE RANGES	31
AIR DEFENSE MISSILES	32
AIR BASE FACILITIES	46
GROUND FORCE FACILITIES	52
LOGISTICS	68
NUCLEAR ENERGY	69
CBR FACILITIES	70
INDUSTRY	71
NORTH VIETNAM	
AIR DEFENSE MISSILES	72
AIR BASE FACILITIES	76
GROUND FORCE FACILITIES	77
DEPLOYED TACTICAL SSM FACILITIES	81
LOGISTICS	82
INDUSTRY	91

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PREFACE

PREFACE

THIS IS THE TWELFTH OAK SUPPLEMENT REPORT ON MISSION 1108.
FOR COMPLETE PREFACE SEE THE FIRST OAK SUPPLEMENT REPORT.

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CHINA
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D

PEI-CHING SAM SITE D11-2
NAC

25X1D

STATUS:OCCUPIED

REMARKS:

THE SIX LAUNCH POSITIONS CONTAIN LAUNCHERS. A PROBABLE FAN SONG RADAR IS LOCATED IN THE CENTRAL GUIDANCE AREA.

25X1D

MISSILE ORDER OF BATTLE:

6 LAUNCHERS

1 PROB FAN SONG RADAR

25X1D

25X1D

YU-MEN SAM SITE A12A-2 25X1A

25X1D

STATUS:OCCUPIED

25X1A

REMARKS:

NO NEW CONSTRUCTION ACTIVITY IS OBSERVED. FIVE LAUNCH REVETMENTS CONTAIN LAUNCHERS, AND A POSSIBLE LAUNCHER IS OBSERVED IN THE SIXTH LAUNCH REVETMENT. A PROBABLE FAN SONG RADAR IS OBSERVED ADJACENT TO THE L-SHAPED STRUCTURE IN THE UNRETTED CENTRAL GUIDANCE AREA.

MISSILE ORDER OF BATTLE:

5 LAUNCHERS

1 PROB FAN SONG RADAR

1 POSS LAUNCHER

25X1D

25X1D

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KH-4 MISSION 1108

CHINA
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1D

CHI-LIN/ERH-TAI-TZU AIRFIELD
NAC

25X1A

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
26 SMALL POSS SWEPT-WING

25X1D

25X1D

25X1D

HA-ERH-PIN/MA-CHIA-KOU AIRFIELD
NAC

25X1A

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
21 SMALL STRAIGHT-WING

25X1D

25X1D

25X1D

HA-ERH-PIN/SHUANG-YU-SHU AIRFIELD
NAC

25X1A

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
19 SMALL STRAIGHT-WING

25X1D

25X1D

25X1D

HUI-YANG AIRFIELD
NAC

25X1A

STATUS: OPERATIONAL

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KH-4 MISSION 1108

CHINA
AIR BASE FACILITIES

25X1D AIR ORDER OF BATTLE:

[REDACTED]
21 SMALL SWEEP-WING

25X1D

[REDACTED]
19 SMALL SWEEP-WING

25X1D

[REDACTED]

25X1D

25X1D

KUANG-CHOU/PAI-YUN AIRFIELD
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

25X1D

AIR ORDER OF BATTLE:

[REDACTED]
6 LIGHT STRAIGHT-WING

5 SMALL STRAIGHT-WING

25X1D

[REDACTED]
8 LIGHT STRAIGHT-WING

7 SMALL STRAIGHT-WING

25X1D

[REDACTED]

25X1D

25X1D

KUANG-CHOU/SHA-TI AIRFIELD
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

25X1D

AIR ORDER OF BATTLE:

[REDACTED]
58 SMALL SWEEP-WING

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CHINA
AIR BASE FACILITIES

25X1D

[REDACTED]
42 SMALL SWEEP-WING

25X1D

[REDACTED]

25X1D

25X1D

LA-LIN AIRFIELD

[REDACTED] NAC [REDACTED]

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:
24 SMALL STRAIGHT-WING

25X1D

[REDACTED]

25X1D

25X1D

TIAO-YU-TAI AIRFIELD

[REDACTED] NAC [REDACTED]

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:
15 SMALL SWEEP-WING

25X1D

[REDACTED]

OTHER RESULTS-NO APPARENT CHANGE

25X1D

NEN-CHIANG AIRFIELD NORTH

25X1D

[REDACTED]

25X1A

25X1A

STATUS: OPERATIONAL
NAC

25X1D

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CHINA
NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

25X1D CHANG-KUO NAVAL BASE SHIH-PU 25X1D
NAC
STATUS: OPERATIONAL 25X1A
NAVAL ORDER OF BATTLE:
3 PROB PGM 1 PROB LCM
25X1D
25X1D
25X1D HAI-MEN NAVAL FACILITY 25X1D
NAC
STATUS: OPERATIONAL 25X1A
NAVAL ORDER OF BATTLE:
1 PGM 2 LCM
25X1D
25X1D HSI-CHOU NAVAL FACILITY 25X1D
STATUS: UNDER CONSTRUCTION 25X1A 25X1A
PHYSICAL DESCRIPTION:
ALONG THE NORTH BANK OF THE HSIANG CHAN CHIANG.
THE FACILITIES CONSTRUCTED TO DATE COMPRISE TWO OFFSHORE
WHARVES AND SUPPORT AREAS BUILT INTO SMALL VALLEYS ALONG THE
WATERFRONT.
NAVAL ORDER OF BATTLE:
NONE DISCERNIBLE
25X1D

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CHINA
NAVAL BASE FACILITIES

25X1D

KAO-CHIAO NAVAL FACILITY
[REDACTED] NAC

25X1D

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:
2 UNIDENTIFIED BARGES

25X1D

[REDACTED]

25X1D

25X1D

NING-PO PORT FACILITIES
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:
1 PASSENGER SHIP
NUMEROUS RIVER CRAFT

25X1D

[REDACTED]

25X1D

25X1D

SHANG-HAI PORT FACILITIES CENTRAL
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:
4 TANKERS

12 FREIGHTERS

25X1D

[REDACTED]

25X1D

25X1D

SHANG-HAI PORT FACILITIES NORTH
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

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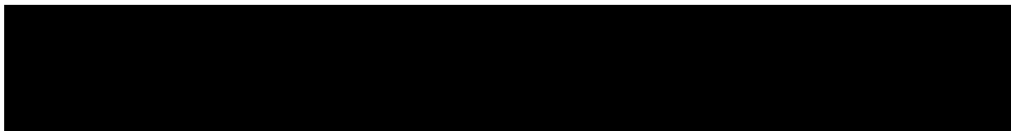
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KH-4 MISSION 1108

CHINA
NAVAL BASE FACILITIES

NAVAL ORDER OF BATTLE:
2 TANKERS

3 FREIGHTERS

25X1D



25X1D

SHANG-HAI PORT FACILITIES PU-TUNG
NAC

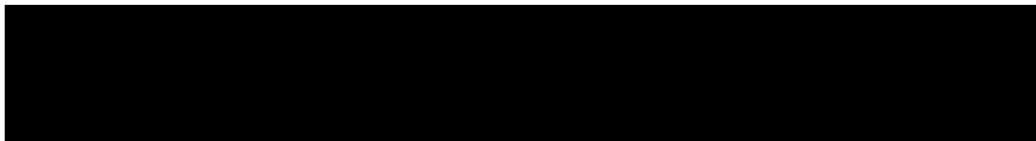
25X1D

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:
26 FREIGHTERS

25X1D



25X1D

SHANG-HAI PORT FACILITIES SOUTH
NAC

25X1D

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:
2 FREIGHTERS

25X1D



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KH-4 MISSION 1108

CHINA
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

KU-ERH-LO ARMY BARRACKS NORTH AL 1
NAC

25X1D

STATUS:OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:
NUMEROUS VEHICLES/PIECES OF
EQUIPMENT

25X1D

25X1D

25X1D

TU-SHAN-TZU ARMY BARRACKS AL 1

25X1A

25X1A

STATUS:NEGATED

REMARKS:
NO MILITARY BARRACKS ARE OBSERVED AT THE REFERENCED
COORDINATES.

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

PING-YUNG-I EXPLOSIVES STORAGE AREA
NAC

25X1D

STATUS:OCCUPIED

25X1A

25X1D

IMAGERY:

25X1D

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KH-4 MISSION 1108

CHINA
LOGISTICS

SIGNIFICANT RESULTS

25X1D

HSI-NING RR YARDS AND SHOPS

25X1D

25X1A

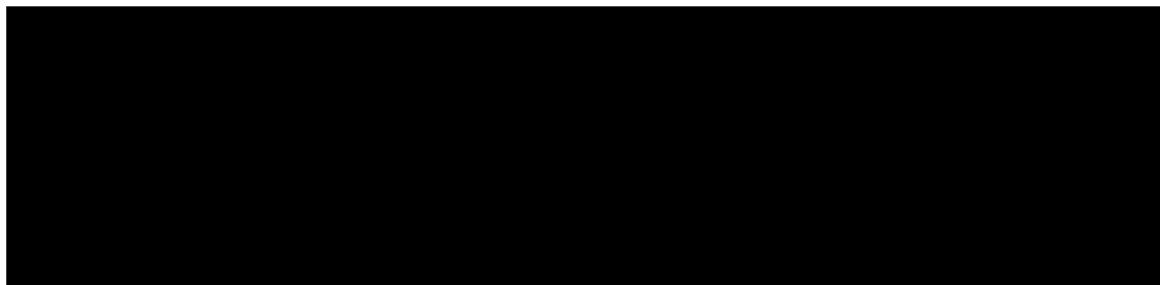
STATUS:OCCUPIED

25X1A

REMARKS:

THE NORTHERN CLASSIFICATION YARD IS APPROXIMATELY 50 PERCENT
FILLED, AND THE SOUTHERN YARD IS APPROXIMATELY 20 PERCENT
FILLED. INDUSTRIAL ACTIVITY APPEARS TO BE LIGHT.

25X1D



25X2D

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TOP SECRET CHSS RUFF

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KH-4 MISSION 1108

CHINA
INDUSTRY

SIGNIFICANT RESULTS

25X1D

CHIN-CHI PROB LIGHT MTLs REDUCTION PLT

25X1D

STATUS: OPERATIONAL

25X1A

25X1A

REMARKS:

CONSTRUCTION CONTINUES IN THE PROCESSING AREA. THE VERTICAL CYLINDRICAL STRUCTURE BETWEEN THE TWO LONG BUILDINGS IS STILL UNDER CONSTRUCTION. CONSTRUCTION MATERIALS AND ACTIVITY ARE IN EVIDENCE THROUGHOUT THE PLANT. A TRANSHIPMENT BUILDING HAS BEEN COMPLETED INSIDE THE SECURED AREA AT THE POL SITE SINCE [REDACTED] OUTSIDE THE SECURED AREA, FIVE UTILITY BUILDINGS HAVE BEEN COMPLETED SINCE [REDACTED]

25X1D

25X1D

25X1D

25X1D

HSI-AN AMMUNITION PLANT SOUTHWEST

25X1D

STATUS: OPERATIONAL

25X1A

25X1A

PHYSICAL DESCRIPTION:

4.5 NM SSW OF HSIAN.

THE PLANT CONSISTS OF A PRODUCTION/STORAGE AREA AND A SUPPORT AREA.

THE WALL-SECURED PRODUCTION/STORAGE AREA CONTAINS ONE T-SHAPED ADMINISTRATION BUILDING, ONE C-SHAPED PROBABLE LABORATORY/ADMINISTRATION BUILDING, 16 PROBABLE PROCESSING BUILDINGS, TWO FABRICATION BUILDINGS, ONE HEATING PLANT, 21 SMALL INTERMEDIATE STORAGE BUILDINGS (FIVE REVETTED), 18 REVETTED FINAL STORAGE BUILDINGS, ONE WAREHOUSE/STORAGE BUILDING, ONE VEHICLE STORAGE BUILDING, TWO SECURITY BUILDINGS, 15 STORAGE/SUPPORT BUILDINGS, TWO POSSIBLE TEST BUILDINGS, AND A POSSIBLE TEST/BURN AREA.

THE SUPPORT AREA CONTAINS 11 BARRACKS, ONE ADMINISTRATION BUILDING, ONE MESSHALL, AND SIX STORAGE/SUPPORT BUILDINGS.

GROUND FORCE ORDER OF BATTLE:

8 POSS CARGO TRUCKS

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KH-4 MISSION 1108

CHINA
INDUSTRY

25X1D



25X1D

25X1D

HSI-AN FUSE PLT SE

25X1A



STATUS: OPERATIONAL

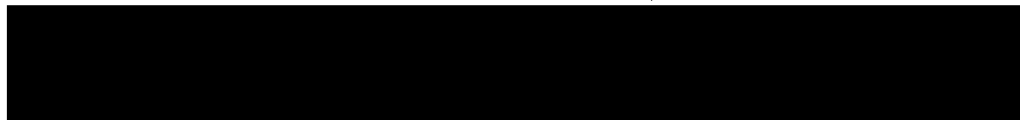
25X1A

PHYSICAL DESCRIPTION:

5 NM SE OF HSIAN.

THE PLANT CONSISTS OF A PRODUCTION AREA AND A SUPPORT AREA. THE WALL-SECURED RAIL- AND ROAD-SERVED PRODUCTION AREA CONTAINS FOUR LARGE FABRICATION BUILDINGS (TWO MONITOR-ROOFED), THREE LARGE REVETTED STORAGE BUILDINGS, TEN SMALL REVETTED STORAGE BUILDINGS, FOUR WAREHOUSES, FOUR BARRACKS-TYPE BUILDINGS, ONE POSSIBLE ADMINISTRATION BUILDING, AND SEVEN STORAGE/SUPPORT BUILDINGS. THE ROAD-SERVED SUPPORT AREA CONTAINS 11 BARRACKS/STORAGE BUILDINGS AND FOUR SUPPORT BUILDINGS.

25X1D



25X1D

25X1D

PAI-YIN COPPER SMELTER + REFINERY PLT



25X1A

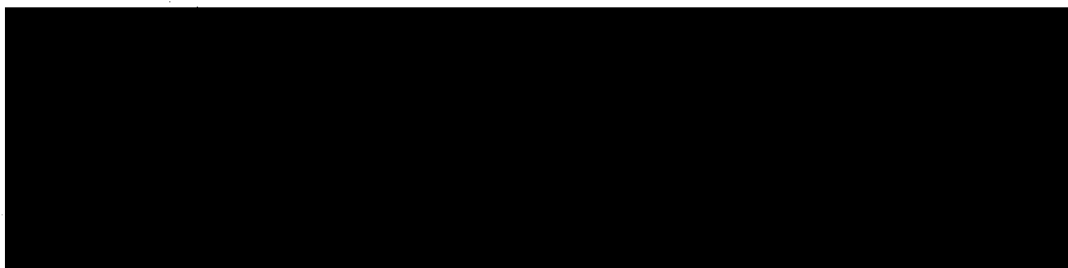
STATUS: OPERATIONAL

25X1A

REMARKS:

INDUSTRIAL ACTIVITY APPEARS TO BE AT A HIGH LEVEL. HEAVY SMOKE IS BEING EMITTED FROM THE REFINERY STACKS.

25X1D



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CHINA
INDUSTRY

25X1D PEN-CHI IRON + STEEL PLANT KUNG-YUAN 25X1D
25X1D
STATUS: OPERATIONAL 25X1A 25X1A

REMARKS:
ACTIVITY APPEARS TO BE HIGH, HEAVY SMOKE AND DUST FROM THE
PRODUCTION AREAS OBSCURE 90 PERCENT OF THE PLANT.

25X1D

25X1D SHANG-HAI RDO A RADAR PLT 4 31-14-//N 121-28-//E
25X1D
STATUS: NEGATED 25X1A 25X1A

REMARKS:
NO RADAR PLANT IS IDENTIFIABLE AT THE REFERENCED COORDINATES.

25X1D
25X1D 25X1D

25X1D SHANG-HAI SHIPYARD EAST
NAC
STATUS: OPERATIONAL 25X1A

NAVAL ORDER OF BATTLE:
8 MEDIUM PROB COMBATANTS 2 UNIDENTIFIED VESSELS IN
21 SMALL PROB NAVAL UNITS GRAVING DOCK

25X1D

25X1D

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KH-4 MISSION 1108

CHINA
MISCELLANEOUS

SIGNIFICANT RESULTS

25X1D

HSI-NING COMPLEX

25X1A

25X1D

STATUS:OCCUPIED

25X1A

REMARKS:

NO INDICATIONS OF POSSIBLE AE-ASSOCIATED AIRCRAFT ARE OBSERVED.

25X1D

SHEN-YANG COMPLEX

25X1A

25X1D

25X1D

STATUS:OCCUPIED

25X1A

REMARKS:

THE LEVEL OF INDUSTRIAL ACTIVITY APPEARS LIGHT TO MODERATE. THE
RAIL YARDS APPEAR TO BE APPROXIMATELY 30 PERCENT OCCUPIED.

25X1A

SMOKE IS OBSERVED AT THE NONFERROUS METALS PLANT (BE

25X1A

THERMAL POWERPLANT TIEH HSI

AND

SODA COMPANY MANCHURIA

25X1A

25X1D

25X1D

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NORTH KOREA
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

HYOPHUNG-NI ARMY BARRACKS SE
NAC

25X1D

STATUS:OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:
7 UNIDENTIFIED VEHICLES

25X1D

25X1D

SANGPAL-LI ARMY BARRACKS
NAC

25X1D

STATUS:OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:
6 POSS TRACKED VEHICLES

25X1D

25X1D

SONGCHON ARMY BARRACKS AREA EAST

25X1D

STATUS:NEGATED

25X1A

25X1A

REMARKS:

THE TARGET CONSISTS OF RESIDENTIAL AND GOVERNMENTAL BUILDINGS
WITH NO DISCERNIBLE MILITARY FUNCTION.

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

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KH-4 MISSION 1108

USSR
DEPLOYED STRATEGIC SSM FACILITIES

SIGNIFICANT RESULTS

AKTYUBINSK IRBM COMPLEX

25X1D

25X1D

STATUS:OCCUPIED

25X1A

25X1A

REMARKS:

ALL COMPONENTS OF THE COMPLEX ARE VISIBLE. NO CHANGES HAVE OCCURRED AT THE LAUNCH SITE OR THE SEPARATE PROPELLANT HANDLING FACILITY. AT LEAST THREE ADDITIONAL RAIL SIDINGS HAVE BEEN ADDED TO THE NEW RAIL SPUR REPORTED ON UNIDENTIFIED GROUND SCARRING IS OBSERVED 5 NM SE OF THE TRANSFER POINT AND AT LEAST 20 BUILDINGS, EITHER UNDER CONSTRUCTION OR NEWLY COMPLETED, ARE OBSERVED IN TWO AREAS APPROXIMATELY 3.5 NM WNW OF THE TRANSFER POINT. THESE BUILDINGS WERE NOT PRESENT IN

25X1D

25X1D

25X1D

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USSR
MISSILE RANGES

SIGNIFICANT RESULTS

25X1D

25X1D

KAPUSTIN YAR AIRFIELD
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:
11 LIGHT STRAIGHT-WING
10 SMALL STRAIGHT-WING

4 HELICOPTERS

25X1D

[REDACTED]

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USSR
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D

KALININGRAD SAM SITE C08A-2
NAC

25X1D

STATUS: OCCUPIED

25X1A

25X1D

25X1D

KUYBYSHEV ABM SEARCH AREA

53-13-//N 050-14-//E

25X1A

25X1A

STATUS: UNKNOWN

REMARKS:

NO ABM ACTIVITY IS OBSERVED.

25X1D

25X1D

25X1D

LENINGRAD SAM ASSEMBLY A STOR FAC 1
NAC

STATUS: OPERATIONAL

25X1A

REMARKS:

THE FACILITY IS PROBABLY OPERATIONAL.

25X1D

25X1D

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Next 3 Page(s) In Document Exempt

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TOP SECRET CHESSE RUFF

TCS-20012/70 - IPIR 16
KH-4 MISSION 1108

USSR
AIR DEFENSE MISSILES

25X1D

25X1D

NAKHODKA SAM COMPLEX B30-5
NAC

STATUS:OCCUPIED

25X1A

REMARKS:

THE 12 LAUNCH POSITIONS OF SITES A AND B ARE PROBABLY OCCUPIED BY LAUNCHERS. CONSTRUCTION WORK APPEARS TO BE PROGRESSING IN THE MISSILE-HANDLING FACILITY. THE STATUS OF SITE C AND THE TRACKING AND GUIDANCE FACILITY IS UNDETERMINED.

25X1D

25X1D

25X1D

NAKHODKA SAM SITE A15-2
NAC

STATUS:OCCUPIED

25X1A

25X1D

25X1D

25X1D

NAKHODKA SAM SITE A28-2

25X1A

25X1A

STATUS:OCCUPIED

REMARKS:

AN L-SHAPED REVETTED BUILDING AND A LOOP ROAD WITH TWO SERVICING POINTS HAVE BEEN CONSTRUCTED IN THE ON-SITE SUPPORT FACILITY.

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USSR
AIR DEFENSE MISSILES

25X1D
NAKHODKA SAM SITE B29-2
25X1D [REDACTED] NAC [REDACTED]
STATUS: OCCUPIED 25X1A

25X1D [REDACTED]

25X1D
NAKHODKA SAM SUPPORT FACILITY
25X1D [REDACTED] NAC [REDACTED]
STATUS: OPERATIONAL 25X1A

25X1D [REDACTED]

25X1D
NARVA SAM SITE A34-2
25X1D [REDACTED] NAC [REDACTED]
STATUS: OCCUPIED 25X1A

25X1D [REDACTED]

25X1D
NAZAROVO SAM COMPLEX A04-5
25X1D [REDACTED]
STATUS: UNDER CONSTRUCTION 25X1A

PHYSICAL DESCRIPTION:
9 NM NE OF NAZAROVO.
THE NEWLY IDENTIFIED SA-5 COMPLEX IS IN THE EARLY-TO-MIDSTAGES
OF CONSTRUCTION AND PRESENTLY CONSISTS OF TWO LAUNCH SITES, A
AND B, AND TWO TRACKING AND GUIDANCE RADAR MOUNDS. THE LAUNCH
SITE SERVICE ROAD IS COMPLETE FOR EACH SITE. LAUNCHER MOUNTS

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KH-4 MISSION 1108

USSR
AIR DEFENSE MISSILES

ARE UNDER CONSTRUCTION AT EACH LAUNCH POSITION OF SITE A. DOLLY
BED TRACKS HAVE PROBABLY BEEN INSTALLED AT POSITIONS A3, A4,
AND A5. TWO DOLLIES ARE POSSIBLY PRESENT AT POSITIONS A4 AND
A5. BOTH SQUARE PAIR RADAR MOUNDS ARE COMPLETE BUT ARE
UNOCCUPIED. CONSTRUCTION OF STANDARD SUPPORT FACILITIES HAS
NOT BEEN STARTED. THE COMPLEX IS GENERALLY ORIENTED
NORTH-NORTHWEST. THIS IS THE 77TH SA-5 COMPLEX IDENTIFIED TO
DATE. IT WAS NOT PRESENT ON [REDACTED] 25X1D

25X1D

25X1D

25X1D

NOVGOROD SAM SITE B23 02

STATUS:UNOCCUPIED

25X1A

25X1A

PHYSICAL DESCRIPTION:

13 NM SW OF NOVGOROD.

THE SA-2 SITE CONSISTS OF SIX UNREVIEWED LAUNCH POSITIONS AND A
CENTRAL GUIDANCE STRUCTURE.

25X1D

25X1D

25X1D

OSTROV SAM SITE B11-2
NAC

STATUS:OCCUPIED

25X1A

REMARKS:

THE SITE IS PROBABLY OCCUPIED.

25X1D

25X1D

25X1D

OSTROV SAM SITE B15-2
NAC

STATUS:OCCUPIED

25X1A

25X1D

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KH-4 MISSION 1108

USSR
AIR DEFENSE MISSILES

25X1D

SOVETSK MRBM COMPLEX SAM SITE A06-3
NAC

25X1D

25X1A

STATUS:OCCUPIED

25X1D

25X1D

SOVETSK MRBM COMPLEX SAM SITE B01-3
NAC

25X1D

25X1A

STATUS:OCCUPIED

25X1D

25X1D

SOVETSK MRBM COMPLEX SAM SITE B36-3
NAC

25X1D

25X1A

STATUS:OCCUPIED

25X1D

25X1D

SVOBODNY ICBM COMPLEX SAM SITE B01-2

25X1D

25X1A

25X1A

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

22.5 NM NNE OF THE SVOBODNY ICBM COMPLEX.
THE SECURED SITE CONTAINS SIX REVETTED LAUNCH POSITIONS, A
STRUCTURE IN THE GUIDANCE AREA, AND A MISSILE-HOLD BUILDING.
THE SUPPORT AREA CONTAINS 15 BUILDINGS.

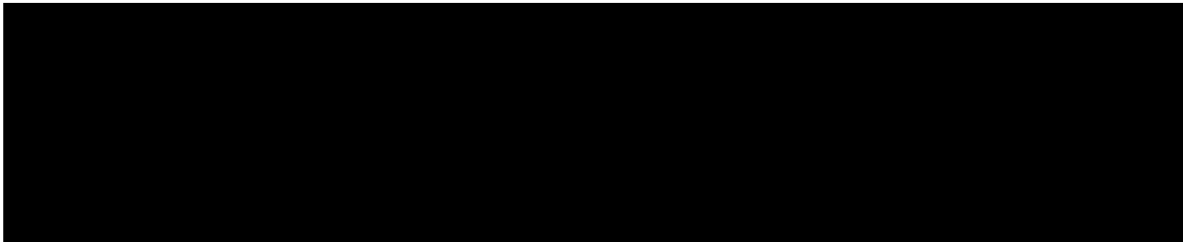
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USSR
AIR DEFENSE MISSILES

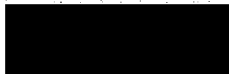
25X1D



25X1D

SVOBODNYI ICBM COMPLEX SAM SITE B09-2

25X1D



25X1A



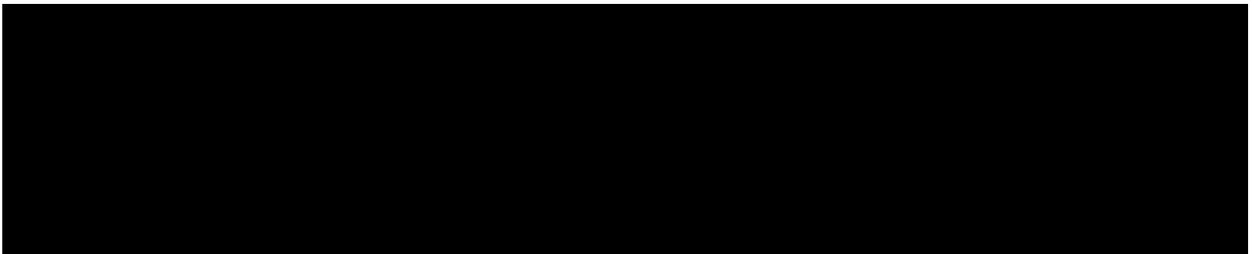
25X1A

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

24.5 NM ENE OF THE SVOBODNYI ICBM COMPLEX.
THE SECURED SITE CONTAINS SIX REVETTED LAUNCH POSITIONS, A
STRUCTURE IN THE GUIDANCE AREA, AND SIX SMALL BUILDINGS WITHIN
THE LAUNCH SITE FENCELINE. THE SUPPORT AREA CONTAINS ONE LARGE
BUILDING IN A FENCED AREA, FOUR BUILDINGS IN A SECOND FENCED
AREA, AND SIX OTHER BUILDINGS.

25X1D



25X1D

SVOBODNYI ICBM COMPLEX SAM SITE C29-2

25X1D



25X1A



25X1A

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

20 NM NW OF THE SVOBODNYI ICBM COMPLEX.
THE SECURED SITE CONTAINS SIX REVETTED LAUNCH POSITIONS, A
STRUCTURE IN THE GUIDANCE AREA, AND A MISSILE-HOLD REVETMENT.
THE SECURED SUPPORT AREA CONTAINS 20 BUILDINGS.

25X1D

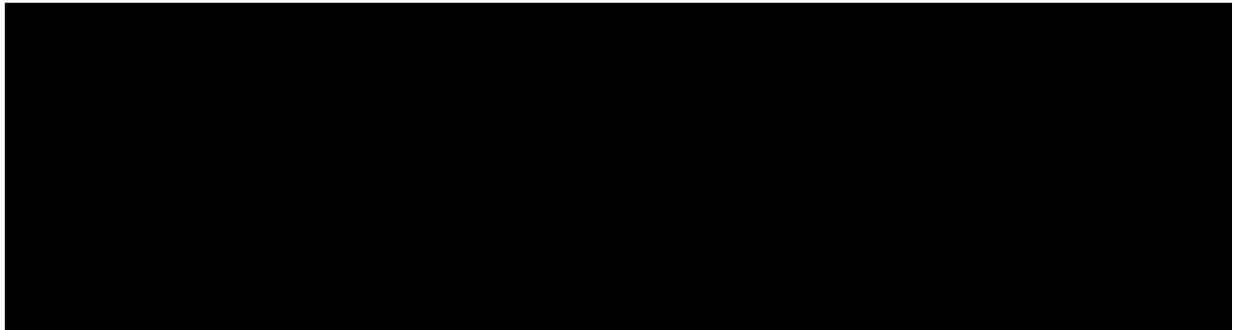


TOP SECRET CHESS RUFF

TCS-20012/70 - IPIR 16
KH-4 MISSION 1108

USSR
AIR DEFENSE MISSILES

25X1D



25X1D

SVOBODNY SAM COMPLEX A32-5

25X1D



25X1A



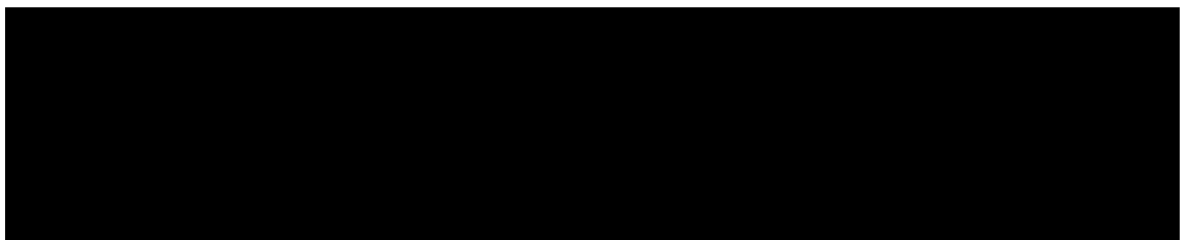
25X1A

STATUS:OCCUPIED

REMARKS:

ALL 18 LAUNCH POSITIONS ARE OCCUPIED BY PROBABLE LAUNCHERS. FOUR LAUNCH POSITIONS HAVE TALLINN-TYPE REVETMENTS AND V-RAILS ARE IDENTIFIED IN TWO OF THESE REVETMENTS. THE OTHER LAUNCH POSITIONS ARE PARTIALLY REVETTED. THE MISSILE-HANDLING FACILITY CONTAINS ONE MISSILE STORAGE BUILDING, THE FOUNDATION FOR A SECOND STORAGE BUILDING, AND THE FOUNDATIONS FOR THE TWO ASSEMBLY-CHECKOUT BUILDINGS. THE AIR WARNING RADAR AND TRACKING AND GUIDANCE FACILITIES ARE COMPLETE AND OCCUPIED. THE SUPPORT AREA CONTAINS TEN BUILDINGS.

25X1D



25X1D

UKRAINA SAM SITE B08-2

25X1D



25X1A



25X1A

STATUS:OCCUPIED

REMARKS:

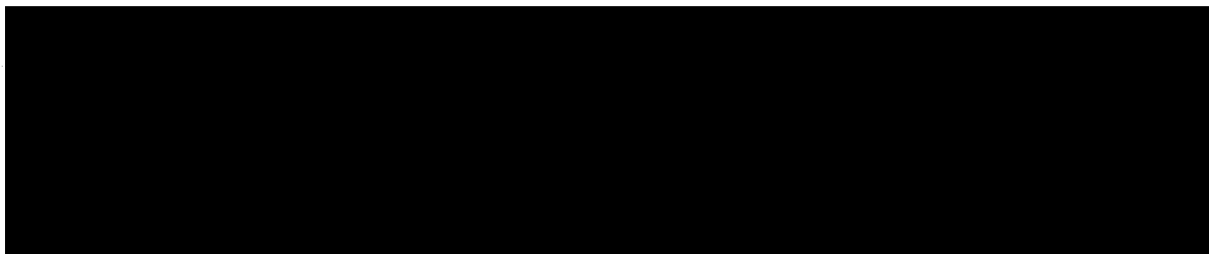
THE SUPPORT AREA CONTAINS SIX LARGE AND FIVE SMALL BUILDINGS, A LARGE DRIVE-THROUGH REVETMENT, AND A DRIVE-IN REVETTED AREA. A POSSIBLE BEAM REVETMENT HAS BEEN CONSTRUCTED OUTSIDE OF THE SECURITY FENCE.

TOP SECRET CHESS RUFF

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KH-4 MISSION 1108

USSR
AIR DEFENSE MISSILES

25X1D



25X1D

UKRAINA SAM SITE B25-3

25X1D



25X1A



25X1A



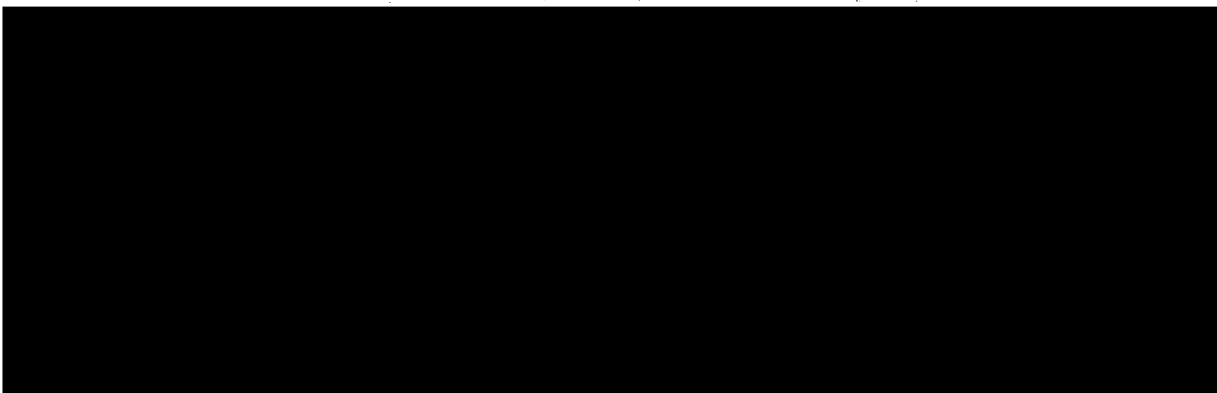
STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

18 NM SW OF UKRAINA.

THE COMPLETED SA-3 SITE CONSISTS OF FOUR REVETTED LAUNCH
POSITIONS, A REVETTED GUIDANCE AREA, AND A REVETTED ACQUISITION
RADAR POSITION.

25X1D



OTHER RESULTS-NO APPARENT CHANGE

25X1D

SOVETSK MRBM COMPLEX SAM SITE A07-2

25X1D



NAC



25X1A

25X1A

STATUS:UNOCCUPIED

25X1D



25X1D

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KH-4 MISSION 1108

USSR
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

EMBA AIRFIELD

NAC

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

NUMEROUS POSSIBLE DRONE SHIPPING CRATES ARE OBSERVED AT THE AIRFIELD.

AIR ORDER OF BATTLE:

11 LIGHT STRAIGHT-WING
5 SMALL SWEEP/DELTA-WING

7 PROB AIRCRAFT

25X1D

25X1D

EMBA AIRFIELD SOUTHWEST

NAC

25X1D

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:

8 POSS AIRCRAFT

25X1D

25X1D

KALININGRAD/DEVAU AIRFIELD

NAC

25X1D

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:

23 AIRCRAFT

25X1D

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KH-4 MISSION 1108

USSR
AIR BASE FACILITIES

25X1D

25X1D

KALININGRAD/ZEYERAPPEN AIRFIELD
NAC

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:
6 PROB HOOK

25X1D

25X1D

25X1D

KAZAN AIRFIELD
NAC

STATUS: OPERATIONAL

25X1A

25X1D

AIR ORDER OF BATTLE:

3 MEDIUM SWEEP-WING
9 MEDIUM STRAIGHT-WING

15 LIGHT STRAIGHT-WING
6 SMALL STRAIGHT-WING

25X1D

25X1D

25X1D

MAGDAGACHI AIRFIELD
NAC

STATUS: OPERATIONAL

25X1A

REMARKS:
THE RUNWAY IS SNOW COVERED.

25X1D

AIR ORDER OF BATTLE:

3 CUB
9 HOOK

15 MEDIUM HELICOPTERS

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KH-4 MISSION 1108

USSR
AIR BASE FACILITIES

25X1D

[REDACTED]
8 HOOK

44 MEDIUM HELICOPTERS

25X1D

[REDACTED]

25X1D

25X1D

NERCHINSK AIRFIELD
[REDACTED] NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
7 HOOK
1 SMALL STRAIGHT-WING

20 MEDIUM HELICOPTERS (AT
LEAST)

[REDACTED]
25X1A

25X1D

[REDACTED]

25X1D

25X1D

OZINKI AIRFIELD SOUTHWEST
[REDACTED] NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
9 HELICOPTERS (AT LEAST)

[REDACTED]
25X1A

25X1D

[REDACTED]

25X1D

25X1D

TATISHCHEVO AIRFIELD
[REDACTED] NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
6 MEDIUM HELICOPTERS

[REDACTED]
25X1A

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KH-4 MISSION 1108

USSR
AIR BASE FACILITIES

25X1D

[REDACTED]

25X1D

UVELSKIY AIRFIELD

25X1D

[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:

22 LIGHT STRAIGHT-WING
8 PROB HOOK

1 POSS HARKE
14 PROB HOUND

25X1D

[REDACTED]

25X1D

VOZZHAYEVKA AIRFIELD NORTHEAST

25X1D

[REDACTED]

[REDACTED]

[REDACTED]

25X1A

25X1A

STATUS: OPERATIONAL

REMARKS:

TEN HANGARETTES ARE NEWLY IDENTIFIED. SIX ARE COMPLETE, AND FOUR ARE IN VARIOUS STAGES OF CONSTRUCTION. THE TOTAL NUMBER OF HANGARETTES ON THIS FIELD IS NOW 17. THE RUNWAY, TAXIWAYS, AND DISPERSAL AREAS ARE SNOW FREE.

AIR ORDER OF BATTLE:

25X1D

[REDACTED]

60 SMALL SWEEP/DELTA-WING
(APPROXIMATELY)

25X1D

[REDACTED]

50 SMALL SWEEP/DELTA-WING
(APPROXIMATELY)

25X1D

[REDACTED]

50 SMALL SWEEP/DELTA-WING
2 LIGHT STRAIGHT-WING

1 SMALL STRAIGHT-WING

25X1D

[REDACTED]

25X1D

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KH-4 MISSION 1108

USSR
AIR BASE FACILITIES

25X1D

KALININGRAD HQ BALTIC FLEET AF

25X1D

STATUS:UNKNOWN

25X1A

25X1A

REMARKS:

THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDES IDENTIFICATION OF
THIS TYPE OF TARGET.

25X1D

25X1D

25X1D

MILKOVO AIRFIELD

NAC

STATUS:OPERATIONAL

AIR ORDER OF BATTLE:
NONE DISCERNIBLE

25X1A

25X1D

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KH-4 MISSION 1108

USSR
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

DAMANSKY ISLAND SKIRMISH AREA

25X1D

25X1A

25X1A

STATUS:OCCUPIED

REMARKS:

A NEW ROAD HAS BEEN CONSTRUCTED IN THE SKIRMISH AREA. THIS ROAD CONNECTS THE USSURI RIVER VILLAGE OF NIZHNE-MIKHAYLOVSKIY (46-26N 133-54E) AND THE MAJOR NORTH-SOUTH HIGHWAY AT IGNATYEVKA (46-24N 134-08E). SEVERAL SIDE ROADS HAVE BEEN CONSTRUCTED FROM THE EXISTING ROAD SERVING THE RIVER BORDER SECURITY POSTS. CONSTRUCTION CONTINUES ON THE PREVIOUSLY REPORTED BUILDINGS NORTH OF NIZHNE-MIKHAYLOVSKIY.

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

KALININGRAD ARMY BARRACKS SE AL 9
NAC

25X1D

STATUS:OCCUPIED

25X1A

REMARKS:

THE LARGE NUMBER OF PROBABLE LOWBED TRAILERS AND TRUCK TRACTORS, OBSERVED HERE IN [REDACTED] REMAINS PARKED AT THE SE END OF THE KALININGRAD LUGOVOYE AIRFIELD.

25X1D

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE (AT THE ARMY BARRACKS)

25X1D

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Control System Only

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KH-4 MISSION 1108

USSR
GROUND FORCE FACILITIES

25X1D

KALININGRAD ARMY BKS KUMMERAU AL 2
[REDACTED] NAC

25X1D
[REDACTED]

STATUS:OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:
10 VEHICLES (AT LEAST)

25X1D

[REDACTED]

25X1D

25X1D

KALININGRAD TRAINING AREA MEDENAU TA 1
[REDACTED] NAC

STATUS:OPERATIONAL

25X1A

REMARKS:

THREE TANK LANES ARE, OR HAVE RECENTLY BEEN, IN USE. THE
AIRCRAFT PREVIOUSLY REPORTED UNDER THIS TARGET ARE AT THE
NEARBY KALININGRAD/ZEYERAPPEN AIRFIELD [REDACTED] AND ARE
REPORTED UNDER THAT TARGET.

25X1A

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1D

25X1D

PETROPAVLOVSK ARMY BARRACKS AL 22
[REDACTED] NAC

STATUS:OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:
50 VEHICLES AND PIECES OF
EQUIPMENT (APPROXIMATELY)

25X1D

[REDACTED]

25X1D

Approved For Release 2000/08/22 : CIA-RDP78T04562A000100010002-5

Next 3 Page(s) In Document Exempt

Approved For Release 2000/08/22 : CIA-RDP78T04562A000100010002-5

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Approved For Release 2000/08/22 : CIA-RDP78T04562A000100010002-5

TCS-20012/70 - IPIR 16
KH-4 MISSION 1108

USSR
GROUND FORCE FACILITIES

25X1D

USSURIYSK ARMY BARRACKS SSE AL 1

25X1D

25X1A

25X1A

STATUS:OCCUPIED

REMARKS:

THE PREVIOUSLY REPORTED PROBABLE VEHICLE STORAGE BUILDING UNDER CONSTRUCTION HAS BEEN COMPLETED AND IS A PROBABLE SUPPORT BUILDING. A VEHICLE STORAGE BUILDING HAS BEEN CONSTRUCTED IN THE SOUTH VEHICLE AND EQUIPMENT STORAGE AREA.

GROUND FORCE ORDER OF BATTLE:
200 VEHICLES OR PIECES OF
EQUIPMENT (APPROXIMATELY)

25X1D

25X1D

USSURIYSK ARMY BARRACKS WEST AL 3
NAC

25X1D

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
200 VEHICLES OR PIECES OF
EQUIPMENT (APPROXIMATELY)

25X1D

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Control System Only

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TCS-20012/70 - IPIR 16
KH-4 MISSION 1108

USSR
GROUND FORCE FACILITIES

25X1D

25X1D USSURIYSK ARMY DEPOT 2 DO 1
NAC

STATUS:OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:
25 VEHICLES OR PIECES OF
EQUIPMENT

25X1D

25X1D

25X1D USSURIYSK ORDNANCE DEPOT DO 1
NAC

STATUS:OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:
100 VEHICLES OR PIECES OF
EQUIPMENT

25X1D

25X1D

25X1D USSURIYSK ORDNANCE DEPOT NW DO 2
NAC

STATUS:OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:
400 VEHICLES AND PIECES OF

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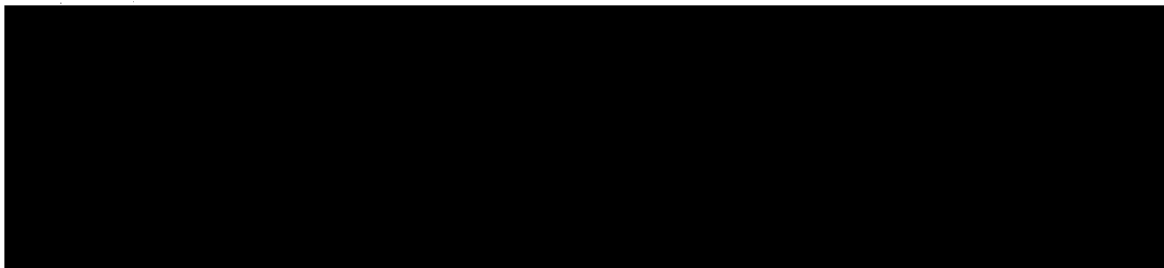
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TCS-20012/70 - IPIR 16
KH-4 MISSION 1108

USSR
GROUND FORCE FACILITIES

EQUIPMENT (APPROXIMATELY)

25X1D



25X1D

USSURIYSK SIGNAL EQPT DPO DS-1

25X1D



25X1A



25X1A

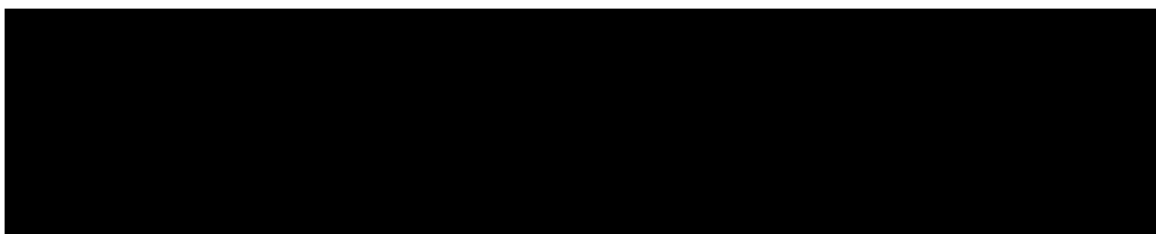
STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

2.7 NM NE OF USSURIYSK COMPLEX CENTER. THE SECURED
INSTALLATION AT THE REFERENCED COORDINATES CONTAINS 16 STORAGE
BUILDINGS AND FOUR PROBABLE SUPPORT BUILDINGS.

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



25X1D

VLADIVOSTOK ARMY BKS AL 3
NAC

25X1D



STATUS:OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:
100 VEHICLES OR PIECES OF
EQUIPMENT

25X1D



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Control System Only

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KH-4 MISSION 1108

USSR
GROUND FORCE FACILITIES

25X1D



25X1D

VOLSK ARMY BKS AL 1
NAC

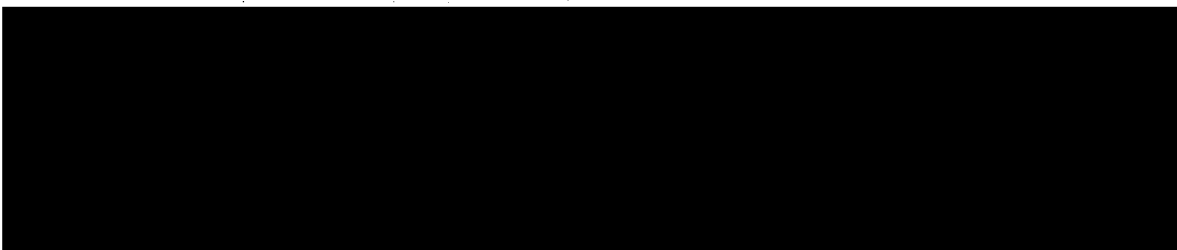
25X1D



STATUS:OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:
200 VEHICLES OR PIECES OF
EQUIPMENT (APPROXIMATELY)



25X1D

25X1D

ZANADVOROVKA ARMY BKS NORTHWEST AL 1
NAC

25X1D



STATUS:OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:
100 VEHICLES OR PIECES OF
EQUIPMENT



25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

GVARDEYSK ARMY BARRACKS NORTHEAST AL 1
NAC

25X1D



STATUS:OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

Approved For Release 2000/08/22 : CIA-RDP78T04562A000100010002-5

Next 5 Page(s) In Document Exempt

Approved For Release 2000/08/22 : CIA-RDP78T04562A000100010002-5

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Control System Only

TOP SECRET CHESS RUFF

TCS-20012/70 - IPIR 16
KH-4 MISSION 1108

USSR
LOGISTICS

SIGNIFICANT RESULTS

25X1D

KALININGRAD RR TRANSLOADING YARD

25X1D

STATUS: UNKNOWN

25X1A

25X1A

REMARKS:

PROBABLE CONSTRUCTION MATERIAL IS OBSERVED THROUGHOUT THE FACILITY. THE LEVEL OF RAIL ACTIVITY IS UNDETERMINED.

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

KALININGRAD RR STN YARDS + SHOPS MAIN
NAC

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

HAZE AND THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDE A DETERMINATION OF THE LEVEL OF ACTIVITY.

25X1D

25X2

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Next 2 Page(s) In Document Exempt

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TOP SECRET CHESSE RUFF

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KH-4 MISSION 1108

NORTH VIETNAM
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D

HAI PHONG SAM SITE A27-2 (99)

25X1D

STATUS: OCCUPIED

25X1A

25X1A

REMARKS:

THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS (AT LEAST THREE OCCUPIED BY MISSILES ON LAUNCHERS) AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

MISSILE ORDER OF BATTLE:

3 SA-2 MISSILES ON
LAUNCHERS

ELECTRONIC ORDER OF BATTLE:

NONE DISCERNIBLE

ASSOCIATED OBJECTS:

3 SCORPION LAUNCHERS

25X1D

25X1D

HAI PHONG SAM SITE A34-2 (265)

25X1D

STATUS: ABANDONED

25X1A

25X1A

REMARKS:

THE SITE HAS BEEN ABANDONED AND IS OVERGROWN.

25X1D

25X1D

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Next 2 Page(s) In Document Exempt

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KH-4 MISSION 1108

NORTH VIETNAM
AIR BASE FACILITIES

SIGNIFICANT RESULTS

HA NOI/BAC MAI AIRFIELD

25X1D

25X1D

STATUS: OPERATIONAL

25X1A

25X1A

REMARKS:

TWO SMALL SWEPT-WING, ONE SMALL PROBABLE SWEPT-WING, AND SIX UNIDENTIFIED OBJECTS ARE IN A NEAT PATTERN ON THE NW END OF THE MAIN RUNWAY.

AIR ORDER OF BATTLE:

2 SMALL SWEPT-WING

1 SMALL PROB SWEPT-WING

25X1D

OTHER RESULTS-NO APPARENT CHANGE

DONG SUONG AIRFIELD U/C
NAC

25X1D

25X1D

STATUS: UNKNOWN

25X1A

AIR ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

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KH-4 MISSION 1108

NORTH VIETNAM
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

HA DONG ARMY SUPPLY DEPOT

25X1D

STATUS:OCCUPIED

25X1A

25X1A

PHYSICAL DESCRIPTION:

25X1D

1 NM NE OF HADONG AT UTM [REDACTED]
THE INSTALLATION CONSISTS OF SEVEN SEPARATE AREAS CONTAINING 31
MULTISTORY BARRACKS (SIX H-SHAPED, ONE U-SHAPED, TWO DAMAGED),
THREE LARGE ADMINISTRATION BUILDINGS, THREE MESSHALLS (TWO
LARGE), ONE WAREHOUSE, SIX STORAGE BUILDINGS, AND 60 SUPPORT
BUILDINGS.

GROUND FORCE ORDER OF BATTLE:
8 PROB UNIDENTIFIED
VEHICLES

25X1D

[REDACTED]

25X1D

HA NOI ARMY BARRACKS NNW THUY PHUONG

25X1D

STATUS:OCCUPIED

25X1A

25X1A

REMARKS:

THE INSTALLATION CONTAINS 51 BARRACKS, 31 STORAGE/SUPPORT
BUILDINGS, SEVEN ADMINISTRATION BUILDINGS, ONE AUDITORIUM, AND
AN ATHLETIC FIELD.

GROUND FORCE ORDER OF BATTLE:
6 PROB UNIDENTIFIED
VEHICLES

[REDACTED]

25X1D

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KH-4 MISSION 1108

NORTH VIETNAM
GROUND FORCE FACILITIES

25X1D HANOI BARRACKS AREA NO 3 25X1D
25X1D
STATUS:OCCUPIED 25X1A 25X1A

PHYSICAL DESCRIPTION: 25X1D
ON THE WESTERN EDGE OF HANOI AT UTM
THE FACILITY CONSISTS OF 22 BARRACKS (NINE MULTISTORY), ONE
ADMINISTRATION BUILDING, AND 16 SUPPORT BUILDINGS.

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D
25X1D HANOI BKS A STOR AREA POSS PW CMP N-63 25X1D
NAC

STATUS:OPERATIONAL 25X1A

GROUND FORCE ORDER OF BATTLE:
20 UNIDENTIFIED VEHICLES
(APPROXIMATELY)

25X1D
25X1D THAI NGUYEN ARMY SUPPLY DEPOT NORTH 25X1D
25X1D
STATUS:OPERATIONAL 25X1A 25X1A

REMARKS:
THE 17 PREVIOUSLY DESTROYED/DAMAGED WAREHOUSES HAVE BEEN
RECONSTRUCTED/REPAIRED. FOURTEEN REMAIN SEVERELY DAMAGED, AND
FIVE HAVE BEEN RAZED.

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

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Next 1 Page(s) In Document Exempt

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KH-4 MISSION 1108

NORTH VIETNAM
DEPLOYED TACTICAL SSM FACILITIES

SIGNIFICANT RESULTS

25X1D

CAT BA COASTAL DEFENSE SITE NO. 1

25X1D

25X1A

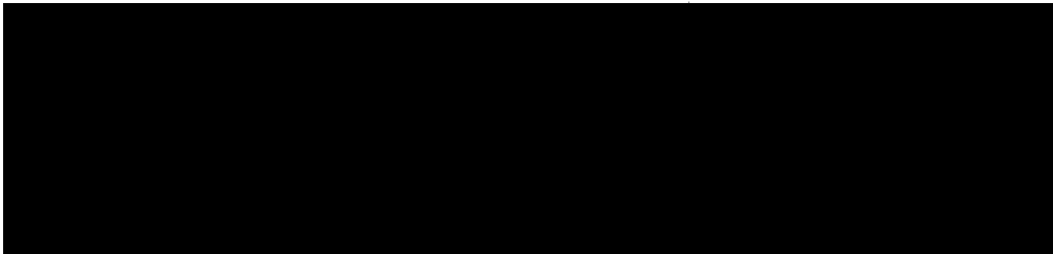
25X1A

STATUS: ABANDONED

REMARKS:

THE ACCESS ROAD TO THE SITE IS OVERGROWN. NO ACTIVITY IS
OBSERVED.

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE



25X1D

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TOP SECRET CHESS RUFF

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NORTH VIETNAM
LOGISTICS

SIGNIFICANT RESULTS

25X1D

HWY 1A SEG T 4 NM

25X1A

25X1D

STATUS: OPERATIONAL

25X1A

GROUND FORCE ORDER OF BATTLE:
2 VEHICLES

25X1D

25X1D

HWY 1A SEG W 6.5 NM

25X1A

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:
THE ENTIRE ROUTE APPEARS IN GOOD REPAIR. NO VEHICLES ARE
OBSERVED.

25X1D

25X1D

HWY 1A SEG X 6.5 NM

25X1A

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:
THE ENTIRE SEGMENT IS IN GOOD REPAIR. NO VEHICULAR TRAFFIC IS
OBSERVED.

25X1D

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TOP SECRET CHESS RUFF

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KH-4 MISSION 1108

NORTH VIETNAM
LOGISTICS

25X1D

RR RT 2 SEG C 40.5 NM

25X1A

25X1D

25X1A

STATUS: OPERATIONAL






REMARKS:

25X1D

25X1D

25X1D

25X1D

THE RAIL SEGMENT IS OPERATIONAL WITH 9.2 NM OF RAIL REALIGNMENT
OBSERVED BETWEEN 21-46- N 106-44- E AND 21-40- N 106-36- E
IN EARLY-TO-MID STAGES OF CONSTRUCTION. THE REALIGNMENT
INCLUDES THE CONSTRUCTION OF NUMEROUS BRIDGES, 
AREAS OF ELEVATED ROADBED.

25X1D

ASSOCIATED OBJECTS:

150 PIECES OF ROLLING STOCK
(APPROXIMATELY)

25X1D

25X1D

25X1D

RR RT 2 SEG D 9.5 NM

25X1A

25X1A

STATUS: OPERATIONAL

REMARKS:

THE SEGMENT IS SERVICEABLE. THE ROLLING STOCK INCLUDES THE
STOCK AT DONG DANG RAIL YARD.

ASSOCIATED OBJECTS:

125 PIECES OF ROLLING STOCK
(APPROXIMATELY)

25X1D

TCS-20012/70 - IPIR 16
KH-4 MISSION 1108

NORTH VIETNAM
LOGISTICS

25X1D

[REDACTED]

25X1D

RR RT 4 SEG B 23 NM

25X1A

[REDACTED]

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE ROLLING STOCK IS IN THE AREA OF NAM DINH.

ASSOCIATED OBJECTS:

30 PIECES OF ROLLING STOCK
(APPROXIMATELY)

25X1D

[REDACTED]

25X1D

RR RT 4 SEG C 25.5 NM

25X1A

[REDACTED]

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE RAIL SEGMENT APPEARS IN GOOD REPAIR. NO ACTIVITY IS
OBSERVED.

25X1D

[REDACTED]

25X1D

RR RT 5 SEG B 10.5 NM

25X1A

[REDACTED]

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE SEGMENT IS OPERATIONAL EXCEPT FOR SEVERAL INTERDICTED LINES
AT THE THAI NGUYEN RAIL YARD.

ASSOCIATED OBJECTS:

30 PIECES OF ROLLING STOCK
(APPROXIMATELY)

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TOP SECRET CHESS RUFF

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KH-4 MISSION 1108

NORTH VIETNAM
LOGISTICS

25X1D

[REDACTED]

25X1D

WTR SEG W19A 13.5 NM

25X1A

25X1D

[REDACTED]

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:
15 SMALL WBLC
(APPROXIMATELY)

25X1D

[REDACTED]

25X1D

WTR SEG W82A 15 NM

25X1A

25X1D

[REDACTED]

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:
30 WBLC (APPROXIMATELY)

25X1D

[REDACTED]

OTHER RESULTS-NO APPARENT CHANGE

25X1D

CST SEG C10 27 NM

25X1A

25X1D

[REDACTED]

STATUS: UNKNOWN

25X1A

NAVAL ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1D

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Next 4 Page(s) In Document Exempt

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TCS-20012/70 - IPIR 16
KH-4 MISSION 1108

NORTH VIETNAM
INDUSTRY

SIGNIFICANT RESULTS

25X1D

HON GAI NVB + SHIP RPR YARD BAI CHAY

25X1D

STATUS: UNKNOWN

25X1A

25X1A

NAVAL ORDER OF BATTLE:

25X1D

3 UNIDENTIFIED VESSELS

25X1D

COUNTRY CODES

The following is an alphabetic listing of country codes as compiled from the Basic Encyclopedia. Locations of targets in this report are indicated by the country code preceding the coordinates.

AD Aden	GO Gotland Is.	PK Pakistan (West)
AF Afghanistan	GR Greece	PO Poland
AG Algeria	GV Guinea	PT Portugal
AL Albania	GW West Germany	PU Portuguese Guinea
AM Andaman and Nicobar Is.	HK Hong Kong	QA Qatar
AN Andorra	HU Hungary	RA Rwanda
AO Angola	ID Indonesia	RI Rio Muni
AU Austria	IF Ifni	RK Ryukyu Is.
AZ Azores Is.	IL Iceland	RM Mali
BA Bahrain Is.	IN India	RS Socotra Is.
BK Botswana (Bechuanaland)	IQ Iraq	RU Rumania
BE Belgium	IR Iran	RY Zambia
BH Bornholm Is.	IS Israel	RZ Rhodesia
BI Balearic Is.	IT Italy	SB San Marino
BJ Nanpo Shoto	IV Ivory Coast	SD Sardinia
BM Burma	JA Japan	SE Seychelles Is.
BO Sabah (N. Borneo)	JK Jammu and Kashmir	SF French Somaliland
BS Lesotho (Basutoland)	JO Jordan	SG Sarawak
BT Bhutan	KE Kenya	SI Sicily
BU Bulgaria	KN North Korea	SJ Society Is.
BW Berlin, West	KS South Korea	SK Senegal
BX Brunei	KU Kuwait	SL Sierra Leone
BY Burundi	LA Laos	SM Somali Republic
CA Canary Is.	LC Laccadive Is.	SP Spain
CB Cambodia	LE Lebanon	SR Saudi Arabia
CD Central African Republic	LI Liberia	SS Spanish Sahara
CE Ceylon	LS Liechtenstein	ST Sao Tome E Principe
CG Chad	LX Luxembourg	SU Sudan
CH China	LY Libya	SV Svalbard
CL Caroline Is.	MA Malagasy Republic	SW Sweden
CM Cameroon	MC Macao	SY Syria
CP Congo (Brazzaville)	MD Madeira Is.	SZ Switzerland
CR Crete	MF Malaysia	TA Tanzania
CT Corsica	MG Mongolia	TC Trucial States
CV Cape Verde Is.	ML Malta	TH Thailand
CX Congo (Leopoldville)	MN Monaco	TI Tibet
CY Cyprus	MO Morocco	TK Turkey
CZ Czechoslovakia	MR Mascarene Is.	TM Portuguese Timor
DA Dahomey	MT Mauritania	TO Togo
DE Denmark	MV Maldives Is.	TU Tunisia
DO Dodecanese Is.	MZ Mozambique	TW Taiwan
EG Egypt	NE Netherlands	UA Republic of South Africa
EP Pakistan (East)	NI Nigeria	UG Uganda
ET Ethiopia	NK Niger	UR USSR
FI Finland	NO Norway	UV Upper Volta
FO Faeroe Is.	NP Nepal	VN North Vietnam
FR France	NS Surinam	VS South Vietnam
GA Gambia	NW New Guinea	VT Vatican City
GC Gabon	NY Malawi	WA Swaziland
GE East Germany	NZ New Zealand	YE Yemen
GH Ghana	OM Muscat Oman	YU Yugoslavia
GI Gibraltar	PI Philippines	

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~~TOP SECRET~~

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